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Sediment supply to deltas

- Apex region: efficient natural delta sediment trap
- Channel re-configuration due to delta apex response to increased sediment flux from prehistoric agri-erosion
- Foundation of success of Netherlands' delta reclamation.
- The Rhine delta was unnatural long before the first dike: Man was a factor of geological importance since ~3000 yr

Are Deltas Sinking?" Syvitski et al. 2010 Nature Geosciences – 20" century sediment frustration

Sediment space-time budgets and reclaimed-land maintenance: Netherlands' delta = a look in the future for other deltas



